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BOROUGH OF KETTERING.



# ANNUAL REPORT

OF THE

Medical Officer of Health

For the Year 1955.



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PUBLIC HEALTH DEPARTMENT,  
MANOR HOUSE,  
KETTERING.

*April, 1956.*

TO HIS WORSHIP THE MAYOR,  
ALDERMEN AND COUNCILLORS OF THE  
BOROUGH OF KETTERING.

MR. MAYOR, LADIES AND GENTLEMEN,

In accordance with my statutory duty as your Medical Officer of Health I have the honour to present the Annual Report for the year 1955.

The contents of this report have been compiled in accordance with the Ministry of Health Circular No. 17/55 dated 23rd November, 1955.

### **Vital Statistics.**

It is interesting to note relative to the vital statistics for Kettering Borough that :—

1. The birth-rate 14·40 was lower than in 1954.
2. The death-rate 11·67 was higher than in 1954.
3. That the tuberculosis death-rate was 0·11.
4. The infant mortality rate, that is, the number of deaths of children under 1 year per 1,000 live births was 26·6.

### **Sanitary Circumstances.**

The outbreak of Sonne dysentery commencing in 1954 continued throughout the early part of the year. Continued prompt notification and treatment by the general practitioners of the district and action by this department brought it under control. In all 132 cases were notified in 1955.

There were only 2 cases of poliomyelitis notified, one paralytic and one non-paralytic. The former case occurred in a severe form in an eight year old boy. The “ non-paralytic ” case was not a Kettering resident.

The control of infectious disease must always remain an essential duty of any Public Health Department, but this is merged with the environmental services in general in which is the only solid foundation on which any Health Service can be built.

In this respect, the resumption of clearance of houses unfit for human habitation is welcome, for a sound and separate dwelling is the keystone of family health.

### **Food Hygiene.**

Food Hygiene has occupied a fair proportion of the Sanitary Inspectors' time and although the Kettering Hygienic Food Association has ceased to function through lack of support, the Inspectors'

enthusiasm was sustained by the long awaited Food Hygiene Regulations, 1955, which promise to strengthen their hands for the benefit of the customer, the trader and the town in general.

During the year, with the co-operation of the management of twenty hotels and restaurants, the hygienic technique of washing and drying crockery was discussed "on the spot" and bacteriological swabs were taken of utensils which had been washed and of the water used. Although only an approximate survey, as naturally conditions vary in different types of establishments, it did stimulate the interest of all concerned and in general, the more hygienic establishments showed better results.

I would particularly like to thank Dr. H. J. Voss and his staff of the Pathological Department of the Kettering General Hospital for undertaking the bacteriology.

In general my first complete year in office has allowed me to study the work of the department and I have endeavoured to integrate all aspects of it so that all sections are working towards a common end—the betterment of the environmental health of the town. There is no doubt that modern extension of public health lies in the field of mental health, and the better understanding of "stress" diseases which continue to increase, for it is generally accepted that mental ill-health constitutes about one-third of all ill-health in Britain to-day.

In a small way both the sanitary and clerical staff encounter these problems in their day-to-day contacts with members of the public and I should like to record my appreciation of their efficient and sympathetic approach.

### **Conclusion.**

My thanks are due to Dr. L. Hoyle of the Public Health Laboratory, Northampton, for bacteriological reports and to Dr. H. J. Voss, Pathological Department, Kettering, for pathological reports. Once again I have received the support of the general practitioners of the district and I hope the various administrative measures initiated by this Department have helped their domiciliary practice.

Finally I should like to thank all members of the staff, especially Mr. Deuce and Mr. Burridge, for their good work throughout the year.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

A. NELSON PICKLES,

*Medical Officer of Health.*



## ACKNOWLEDGMENTS.

Certain information contained in this Annual Report has been supplied by the following, to whom acknowledgment is made, and the Medical Officer of Health wishes personally to thank them for their co-operation during the year :—

Town Clerk.

Borough Engineer and Surveyor.

Borough Treasurer.

County Medical Officer of Health.

Housing Manager.

Manager, Mid-Northamptonshire Water Board.

Manager, Kettering Employment Exchange.

Mr. S. Harris (Meteorological Information).

Women's Voluntary Services.



# BOROUGH OF KETTERING.

## PUBLIC HEALTH COMMITTEE

December, 1955.

### *Members :*

Councillor W. Walden (*Chairman*).  
The Mayor, Alderman W. J. Litchfield, J.P., C.C.  
Councillor P. Campbell.  
,, F. C. Chambers, J.P.  
,, S. J. Clarke.  
,, J. F. Nash.  
,, Mrs. M. Parish.  
,, W. A. Parkins.  
,, Miss G. M. Riseley.  
,, L. E. Smith.  
,, E. A. Timson, M.B.E.  
,, A. G. Walters.  
,, A. F. J. Watts.

## STAFF OF THE HEALTH DEPARTMENT.

### Medical Officer of Health :

Alfred Nelson Pickles, M.B., Ch.B. (Leeds), D.P.H. (L'pool),  
also holds appointment of Assistant County Medical Officer  
Northants. C.C.

### Chief Sanitary Inspector :

H. E. Deuce, M.R.San.I., M.S.I.A. (1) (3)

### Additional Sanitary Inspectors :

D. G. Owens, M.S.I.A. (2) (3) to 28th February, 1955.  
E. G. Davies, M.S.I.A. (2) (3) from 9th May, 1955.  
T. Billson, M.S.I.A. (2) (3)  
D. M. Reid, M.S.I.A. (2) from 2nd May, 1955.

### Chief Clerk :

J. F. Burridge.

### Clerks :

I. A. Blencowe to 31st March, 1955.  
D. A. Lovell in H.M. Forces until 24th January, 1955.  
Pupil Sanitary Inspector from 1st April, 1955.  
G. Andrew to 30th September, 1955.  
B. G. R. Coley from 8th August, 1955.

### Rodent Operative :

B. Clarke.

### Disinfecting Assistants :

H. Woodward.  
C. Haywood.

- (1) Certificate of the Royal Sanitary Institute as Sanitary Inspector.  
(2) Certificate of the Royal Sanitary Institute and Sanitary Inspectors' Examining Board as Sanitary Inspector.  
(3) Certificate of the Royal Sanitary Institute as Inspector of Meat and Other Foods.

## SUMMARY OF STATISTICS.

Area (acres) ... ..	4,539
Population :—	
Census, 1951 ... ..	36,817
Registrar-General's estimate of resident population as at 30th June, 1955 ... ..	36,590
Number of inhabited houses :—	
Census, 1951 ... ..	11,101
According to Rate Books (end of 1955) ...	11,823
Rateable Value ... ..	£258,952
Estimated Yield of One Penny Rate ... ..	£990

### Extracts from Vital Statistics for the Year.

<b>LIVE BIRTHS.</b>	<i>Totals</i>	<i>Males</i>	<i>Females</i>	
Legitimate ...	459	242	217	
Illegitimate ...	29	15	14	
	488	257	231	Birth-rate 13·34 (Crude)

Adjusted Birth-rate (Area Comparability Factor 1·08) ... .. 14·40

<b>STILLBIRTHS.</b>	<i>Totals</i>	<i>Males</i>	<i>Females</i>	
Legitimate ...	8	5	3	
Illegitimate ...	1	—	1	
	9	5	4	Rate 18·11*

<b>DEATHS.</b>	<i>Total</i>	<i>Males</i>	<i>Females</i>	
	427	224	203	Death-rate 11·67 (Crude)

Adjusted Death-rate (Area Comparability Factor 0·91) ... .. 10·62

Number of Women dying in, or in consequence of, Childbirth Nil

Death-rate of infants under one year of age :

All infants per 1,000 live births ... ..	26·64
Legitimate infants per 1,000 legitimate live births	28·32
Illegitimate infants per 1,000 illegitimate live births	Nil

	<i>Number</i>	<i>Rate</i>
Deaths from measles ... ..	Nil	—
Deaths from Whooping Cough ... ..	Nil	—
Deaths from Diphtheria ... ..	Nil	—
Deaths from Respiratory Tuberculosis ...	4	0·11
Deaths from Other Tuberculosis Diseases ...	Nil	—
Total Tuberculosis Deaths ... ..	4	0·11
Deaths from Cancer ... ..	95	2·6
Deaths from Influenza ... ..	4	0·11

\* per 1,000 Total (Live and Still) Births Registered.

## I. STATISTICS AND SOCIAL CONDITIONS.

**Population.** (Table 1, page 32). The Registrar-General's estimate of the resident population for the mid year 1955 is 36,590, which is the same as last year, and the vital statistics in this report are based on this figure.

The population at the 1951 Census was 36,817.

**Births.** (Tables 1 and 2, page 32). Four hundred and eighty eight live births (257 males and 132 females) were registered. This gives a crude birth-rate of 13·34 per thousand of the total population, compared with 13·75 in 1954. The corrected birth-rate, i.e., that rate which would be arrived at if the age and sex constitution of the population of this district was in the same proportion as the rest of England and Wales, is 14·4 compared with 15·0 for England and Wales. Twenty-nine births were illegitimate, 15 males and 14 females.

There were 9 still-births (5 males and 4 females). This gives a still-birth rate of 18·11 per 1,000 total births and 0·25 per 1,000 population.

The Registrar-General's area comparability factor for the adjustment of the birth-rate is 1·08.

**Deaths.** (Tables 1 and 3, page 32 and Table 6, page 34). Four hundred and twenty-seven deaths were registered of which 224 were males and 203 females. Twenty-eight residents died outside the Borough and 215 non-residents died within the Borough. The crude death-rate is therefore 11·67 compared with 10·99 in 1954. The corrected death-rate, i.e., the rate which would be arrived at if the age and sex constitution of the population of this district was in the same proportion as the rest of England and Wales, is 10·62 compared with 11·7 for England and Wales.

The Registrar-General's area comparability factor for the adjustment of the death-rate is 0·91.

Tables 18 and 19 on pages 49 and 50 give details of the deaths from cancer since 1946.

**Maternal Mortality.** (Table 4, page 33). It is very gratifying to report that for the thirteenth successive year there has been no maternal death in the Borough.

**Infant Mortality.** The infant mortality rate, which is the death-rate of children under 1 year of age per 1,000 live births, is shown in Table 5, page 33, in comparison with the rate for England and Wales. In considering the rate for Kettering, it should be borne in mind that on account of the annual number of live births being only approximately 500, each infantile death shows as approximately 2 in the infant mortality rate which is calculated per 1,000 live births.



**State of Employment.** The Kettering Employment Exchange covers the Borough of Kettering, the Urban Districts of Burton Latimer, Desborough and Rothwell and a number of villages in the Kettering Rural District, and the following statistics therefore refer to the whole of the Exchange area.

Number of persons who were registered as unemployed						
on 1st January, 1955	...	...	...	...	Men	40
					Women	29
Number of persons who were registered as unemployed						
on 31st December, 1955	...	...	...	...	Men	27
					Women	47

Of these, 11 men and 4 women are registered as disabled persons.

The principal trades for which there were vacancies for men were, agriculture, iron ore quarrying, concrete roof tile manufacture, blast furnaces, foundries (iron and aluminium), engineering (mechanical), motor repairing, leather dressing, boot and shoe manufacture, building and civil engineering, gas undertakings, road and rail transport, road maintenance, (local authorities), distributive trades, and for women : clothing manufacture, card box making, printing and binding, distributive trades, hospital and nursing services, hotel and catering trades and private domestic service.

Full employment in the area continues and there is no pool of surplus labour to draw on. There is, therefore, a large number of vacancies outstanding for both men and women for which suitable workers cannot be found.

**Meteorology.** (Table 7, page 35). This information is included in this report for the second time and comparable figures for the last year are shown. The total recorded rainfall for the year was 21·8 inches compared with 33·33 inches in 1954. The wettest month was May and the driest July. The heaviest recorded rainfall in 24 hours was 1·13 inches on 17th May. No rainfall was recorded on 199 days as compared with 165 days in 1954.

The highest temperature recorded was 87°F. on 17th July, and the lowest 15°F. on 1st March.



## II. GENERAL PROVISION OF HEALTH AND MEDICAL SERVICES.

**Treatment Centres and Clinics.** Out-patient Clinics provided by the Kettering and District Hospital Management Committee of the Oxford Regional Hospital Board are as follows :—

### At Kettering General Hospital.

Dental	...	...	...	...	Thursday, 9 a.m.
Orthopaedic	...	...	...	...	Monday, 2 p.m. Tuesday, 2 p.m.
Physical Medicine	...	...	...	...	Tuesday, 9 a.m. Friday, 9 a.m.
Orthoptic	...	...	...	...	Daily.

### At St. Mary's Hospital.

Medicine	...	...	...	...	Wednesday, 9 a.m. Friday, 9 a.m.
Surgery	...	...	...	...	Tuesday, 9 a.m. Wednesday, 9 a.m.
Gynaecology and Obstetrics	...	...	...	...	Monday, 9 a.m.
Urology	...	...	...	...	Wednesday, 2 p.m.
Ear, Nose and Throat	...	...	...	...	Tuesday, 9 a.m. Thursday, 2 p.m.
Ophthalmology	...	...	...	...	Monday, 2 p.m.
Dermatology	...	...	...	...	Tuesday, 1.30 p.m.
Paediatric	...	...	...	...	Thursday, 9 a.m.
Psychiatry	...	...	...	...	Tuesday, 2 p.m. Thursday, 2 p.m.
Radiotherapy	...	...	...	...	Wednesday, 2 p.m.
Radiotherapy and Surgery	...	...	...	...	2nd & 4th Mondays in month at 2 p.m.
Ante-natal	...	...	...	...	Friday, 2 p.m.
Speech Therapy	...	...	...	...	Saturday, 9 a.m.
Chiropody	...	...	...	...	Tuesday, 2 p.m.
Venereal Diseases	...	...	(Women)	...	Tuesday, 5.30 p.m.
	...	...	(Men)	...	Tuesday, 6.30 p.m.

An appointments system is operated for all clinics except that for Venereal Diseases.

The following Clinics and Treatment Centres are provided by the Northamptonshire County Council :—

### Ante-natal and Post-natal Clinics.

School Lane Centre	...	...	...	...	Wednesday, 9.30 a.m. Thursday, 1.30 p.m. (except 3rd in month) Friday, 9.30 a.m.
--------------------	-----	-----	-----	-----	---

**Child Welfare Clinics.**

School Lane Centre	...	...	Monday, 2 p.m. Wednesday, 2 p.m. Friday, 2 p.m. Second Tuesday in month 2 p.m.
--------------------	-----	-----	--

**Toddlers' Clinic.**

School Lane Centre	...	...	Third Tuesday in month 2 p.m.
--------------------	-----	-----	----------------------------------

**Diphtheria and Whooping Cough Immunisation Clinics.**

School Lane Centre	...	...	Third Saturday in month 9.45 a.m.
--------------------	-----	-----	--------------------------------------

**Vaccination Clinic.**

School Lane Centre	...	...	Fourth Saturday in month 9 a.m.
--------------------	-----	-----	------------------------------------

**Minor Ailment Clinic.**

School Clinic, Stockburn Memorial Home	...	...	...	Every weekday 9 a.m.
---	-----	-----	-----	----------------------

**Ophthalmic Clinic.**

School Clinic, Stockburn Memorial Home	...	...	...	By appointment.
---	-----	-----	-----	-----------------

**Speech Clinic.**

School Clinic, Stockburn Memorial Home	...	...	...	By appointment.
---	-----	-----	-----	-----------------

**Child Guidance Clinic.**

School Lane Centre	...	...	By appointment.
--------------------	-----	-----	-----------------

**Family Planning Clinic.**

School Lane Centre	...	...	First two Saturdays in month at 9.30 a.m.
--------------------	-----	-----	--

**Chest Clinic (Tuberculosis).**

Health Clinic, Market Street	...	Tuesday, 1.30 p.m. (Treatment Session). Thursday, 9 a.m. (Treatment Session). Friday, 9 a.m. (Examinations).
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**Laboratory Facilities.** The following specimens were sent to the Public Health Laboratory, Northampton :

Water—Town's supply from taps	...	...	...	11
Water—Council's Swimming Bath (Bacteriological examination)		...	...	4
Water—Other Swimming Baths and Paddling Pools (Bacteriological examination)		...	...	5

The following specimens were sent to the Public Health Laboratory, Northampton or the Laboratory at the Kettering and District General Hospital :

Faecal Specimens	...	...	...	...	...	...	179
Urine	...	...	...	...	...	...	6
Blood	...	...	...	...	...	...	1
Meat	...	...	...	...	...	...	3
Frozen Egg and Egg Powder	...	...	...	...	...	...	41
Cream	...	...	...	...	...	...	1
Milk	...	...	...	...	...	...	30
Milk Bottles	...	...	...	...	...	...	6
Ice Cream	...	...	...	...	...	...	17

### III. SANITARY CIRCUMSTANCES.

**Water.** The Mid-Northamptonshire Water Board, which was formed on 1st July, 1949, is responsible for the provision of water supplies to the Borough of Kettering.

The Engineer and Manager of that Board has very kindly supplied the following information :—

“ The total quantity of water supplied to the Borough of Kettering from Cransley 419,116,000 gallons and from Corby 30,440,000 gallons making in all 449,556,000 gallons or a daily average of 1,232,000 gallons.

The rainfall figures for Cransley and Thorpe Malsor were as follows :—

	First Quarter 1955	Second Quarter 1955	Third Quarter 1955	Fourth Quarter 1955	Total
Cransley ... ..	6.66"	7.61"	2.42"	5.65"	22.34"
Thorpe Malsor ...	6.68"	7.24"	2.23"	5.08"	21.23"

During the year 225 samples were examined of various waters concerned in the supply to Kettering. The schedule of these is as follows :—

Description	Bacteriological Analyses
Kettering General Supply ... ..	33
Cransley—Filtered ... ..	51
Clover Hill Well ... ..	Nil (Not used)
Stanion Lane (Corby) raw water ... ..	46
Stanion Lane (Corby) sedimented ... ..	45
Stanion Lane (Corby) final filtered ... ..	50
Total ... ..	225

The characteristics of the water are the same as those shown in copies of the chemical analyses previously supplied.”

**Well Water.** During the year the town’s water supply was laid on to 2 houses.

The following table shows the estimated details of the water supply in the town :—

	Dwelling Houses	Estimated Population	Percentage
Total Number ... ..	11,823	36,590	—
Supplied direct from town’s mains ... ..	11,604	35,908	98.11
Supplied from wells ... ..	9	18	0.05
Supplied from standpipes in yards ... ..	170	538	1.49
Supplied from taps in outbuild- ings ... ..	40	126	0.35



**Drainage and Sewerage.** The total number of old houses in Barton Seagrave originally drained by septic tank or cesspool was 273 and at the end of the year only 25 of these houses were so drained.

A foul sewer serving 7 developed properties in the Burton Latimer district was connected into the Borough's main sewer in Barton Road.

Connections to the new sewers on Pytchley Road Estate continue to be made as new houses are erected.

Foul and surface water sewers have been completed on the privately developed Northampton Road Estate and foul sewers completed on the privately developed Barton Road Estate. In both cases connections to the sewers are being made as the houses are completed.

Two hundred and seventy cesspool emptyings have been carried out in the Borough and 12 outside the Borough. One hundred and fifty-three catchpits have also been emptied.

The Corporation's Sewage Disposal Works at Finedon has given satisfaction throughout the year, but it was necessary to draw the attention of the Borough Surveyor to the report on a sample of effluent taken on 10th August which was as follows :—

“ This sample shows a high degree of nitrification and the content of organic impurity is moderate. However, the sample carries a comparatively large amount of matter in suspension, a feature which is reflected in the organic content as judged by the Oxygen Absorbed (O.A.) value. Thus, compared with the ‘ General Standard ’ recommended by the Royal Commission on Sewage Disposal, the effluent represented by this sample complies with the limit of 20 ppm. for Biochemical Oxygen Demand (B.O.D.) but fails by a substantial margin to comply with the limit of 30 ppm. for suspended matter. The effluent is not therefore of a good standard as regards the quantity of matter in suspension.”

**Rivers and Streams.** Rivers and streams generally have been watched for possible pollution.

**Public Cleansing.** Refuse collection and disposal, scavenging and the cleansing of streets and street gullies has proceeded satisfactorily throughout the year.

Increase in the development of the town has necessitated an additional refuse collecting vehicle being put into use during the year.

Care has been taken to ensure that the normal requirements of controlled refuse tipping are complied with at the London Road Tip and at Cherry Hall.

Due to the dry summer the channels of various streets throughout the town were sprayed with water obtained from streams.

The incinerator at the Corporation's Depot, Northfield Avenue, continues to give good service.

**Closet Accommodation.** The following table indicates the premises which are not at present connected to the Council's sewers :

	Original Urban District	Barton Seagrave	Total
Houses on water carriage system to septic tank or cesspools ...	29	23	52
Houses with pail, earth or chemical closets or privy ... ..	6	5	11
Factories on water carriage system to septic tank ... ..	—	2	2
			—
			65
			—

**Common Lodging House.** The only common lodging house in the town was discontinued in January.

**Camping Sites.** No sites in the area were used for holiday camping purposes during 1955.

The Northampton Road site which is used by travelling Fairs was considered sanitary during their stay.

**Swimming Baths and Pools.** The Council's Open Air Bath was used by 34,401 persons compared with 9,165 during the previous year.

The attendance at the Council's Covered Swimming Bath was 69,721, including 10,539 from schools, as compared with 69,926 and 9,522 respectively for 1954.

The Slipper Baths were used by 23,739 as compared with 23,673 in the previous year.

Four samples of water were taken from the Council's Swimming Baths and submitted for bacteriological examination and very satisfactory reports thereon were received.

Five samples of water were taken from the Wicksteed Park Children's Bathing and Paddling Pools and submitted for bacteriological examination. One specimen showed evidence of slight faecal pollution and immediate steps were taken to cleanse the paddling pool concerned. Very satisfactory reports were received in respect of the other four samples.

**Eradication of Bed Bugs.** Two houses, one Council and one other were disinfested during the year.

Before disinfestation of an infested house the adjoining house is inspected with a view to ascertaining whether bugs have gained access thereto by wall penetration or in other ways and any house so infested is subjected to treatment, which consists of spraying with Zaldecide containing D.D.T.

All bedding is removed to the Disinfecting Station for steam disinfection.

**Prevention of Damage by Pests Act, 1949.** (Table 10, page 38). During the year 286 applications for the services of the Rodent Operative were received. It is gratifying to record that occupiers of premises where infestations exist or are suspected, continue to seek the early assistance of the Public Health Department and by so doing enable any infestations to be quickly eradicated.

Four major rat infestations were found and dealt with. Despite being under constant supervision three of the major infestations occurred at refuse tips ; two major infestations were at a refuse tip used by the Council outside the Borough boundary and another at the refuse tip within the Borough. The other major infestation occurred on the outskirts of the district. Prompt treatment quickly removed the infestations.

Twelve infestations by rats and fifteen by mice were dealt with at food premises.

Six infestations occurred through defective sewers and drains and upon the necessary repairs being executed no further infestations have been noted at the premises involved.

It was noted that in the late autumn there was an increase in infestations at premises situated on the perimeter of the district and was, no doubt, due to the protracted dry summer.

The sewers in the known and suspected infested areas of the town were again subjected to bi-annual maintenance treatment and test baiting of sewers outside these areas was carried out in conjunction with the first treatment. The results obtained indicate a reduction in the rat population in the sewers compared with 1954.

Occupiers of affected property continue to appreciate the services rendered by the Council's Rodent Operative.



#### IV. HOUSING.

The outstanding feature of 1955 was the resumption of the clearance of unfit dwelling-houses, which of necessity had to be postponed owing to the war and the conditions which arose on its termination. It is estimated that 200 dwelling-houses will be considered for action under the Housing Act, 1936, Parts II. and III. during the next five years.

Forty dwelling-houses were inspected with the object of their clearance and the situation at the 31st December, 1955, was as follows :—

Number of areas represented for Clearance	...	...	6 comprising	34 dwelling-houses
Number of areas to be represented for Clearance	...	2	„	6 „
Number of areas declared to be Clearance Areas	...	5	„	31 „
Number of Clearance Areas where negotiations are in progress with the owners to sell to the Council the parcels of land comprised in the Clearance Area	...	...	2	„ 12 „
Number of Clearance Orders made	...	...	2	„ 14 „
Number of Clearance Orders confirmed	...	...	Nil	

Official representations were made under Section 11 of the Housing Act, 1936, in respect of four dwelling-houses and formal undertakings that they would cease to be used for human habitation were given and accepted in each instance. The occupants of three of these houses were rehoused during the year.

The Closing Order made in 1954, under the provisions of Section 11 of the Housing Act, 1936, and Section 10 of the Local Government (Miscellaneous Provisions) Act, 1953, in respect of a dwelling-house and against which an appeal had been lodged in the County Court, was withdrawn as a result of the owner of the premises having satisfactorily executed the works specified in the Notice of Appeal.

Twelve persons were displaced from unfit dwellings and rehoused in Council houses.

Two houses remaining from a pre-war Clearance Area were demolished during the year.

The decline in overcrowding continues to be maintained and whilst three new cases of overcrowding were found, four cases were relieved during 1955.



At the end of the year there were on the register, 13 premises containing 26 families and comprising 102 persons living in overcrowded conditions, as compared with 62 premises containing 129 families and comprising 542 persons in 1949.

Improvement Grants under Section 20 of the Housing Act, 1949, were made in respect of 31 dwelling-houses, of which only one dwelling-house was rented, the others being in respect of owner-occupation. It would appear that landlords are unwilling to take advantage of the scheme and this is possibly due to the restricted rents.

The better maintenance and improvement of dwelling-houses purchased for owner occupation continues to be noted.

Six hundred and forty-two requisitions for a search under the Land Charges Act, 1925, were received.

There were 1,050 live applications on the Council's Register awaiting consideration at the end of 1955 as compared with 1,215 on the 1st January, 1955.

In connection with the allocation of Council houses as far as the Public Health Department is concerned, recommendations are made from time to time by the Medical Officer of Health after personal visits have been made to investigate the circumstances of each case. Medical and social assessments are forwarded to the Housing Manager.

A notice was served under Section 93 of the Public Health Act, 1936, upon the owner-occupier of a shed which was being used for human habitation and requiring its cessation for this purpose. As the notice was not complied with an application was made to a Court of Summary Jurisdiction for a Nuisance Order which was granted and this was subsequently complied with.

Number of dwelling-houses erected during the year :

(a)	1.	By Local Authority	...	...	...	...	195
	2.	By other Local Authorities	...	...	...	...	—
	3.	By other bodies or persons	...	...	...	...	70
(b)	With State assistance under the Housing Acts (Included in (a) ) :						
	1.	By Local Authority	...	...	...	...	195
	2.	By other Local Authorities	...	...	...	...	—

# **1. Inspection of dwelling-houses during the year :**

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...	...	...	...	...	...	714
	(b)	Number of inspections made for the purpose	...	...	...	...	...	714
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	...	...	...	...	...	43
	(b)	Number of inspections made for the purpose	...	...	...	...	...	43

(3)	Number of dwelling-houses found to be in a state so dangerously injurious to health as to be unfit for human habitation ... ..	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	197

## 2. Remedy of defects during the year without service of Formal Notices :

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... ..	361
--	-----

## 3. Action under Statutory Powers during the year :

### A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs ... ..	Nil
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :	
(a)	By owners ... ..	1
(b)	By Local Authority in default of owners ...	—

### B.—Proceedings under Public Health Acts :

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	3
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :	
(a)	By owners ... ..	3
(b)	By Local Authority in default of owners ...	—

### C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :

(1)	Number of dwelling-houses in respect of which demolition orders were made ... ..	Nil
(2)	Number of dwelling-houses demolished in pursuance of demolition orders ... ..	Nil

### D.—Proceedings under Section 12 of the Housing Act, 1936 :

(1)	Number of separate tenements or underground rooms in respect of which closing orders were made ...	Nil
(2)	Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit ...	Nil

**4. Housing Act, 1936—Part IV.—Overcrowding :**

(1)	(a)	Number of dwellings overcrowded at 31st December, 1955 ... ..	13
	(b)	Number of families dwelling therein ... ..	26
	(c)	Number of persons dwelling therein ... ..	102
(2)		Number of new cases of overcrowding reported during the year ... ..	3
(3)	(a)	Number of cases of overcrowding relieved during the year ... ..	4
	(b)	Number of persons concerned in such cases ...	33
(4)		Particulars of any case in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil



## V. INSPECTION AND SUPERVISION OF FOOD.

### Milk (Special Designations) Regulations, 1936—1949.

Number of dairymen licensed to retail pasteurised milk	17
Number of dairymen licensed to retail tuberculin-tested milk ... ..	5
Number of dairymen licensed to retail pasteurised tuberculin-tested milk ... ..	18
Number of dairymen licensed to retail sterilised milk ...	10

The following table gives the summary of sampling results of milk :—

Type of milk	Test	Satis- factory	Unsatis- factory	Total
Pasteurised	Methylene Blue	6	—	6
Pasteurised	Phosphatase	6	—	6
Tuberculin-tested	Methylene Blue	6	2	8
Tuberculin-tested				
Pasteurised	Methylene Blue	4	—	4
Tuberculin-tested				
Pasteurised	Phosphatase Test	4	—	4
Sterilised	Turbidity	2	—	2

Six samples of milk (tuberculin-tested) were submitted for microscopical and biological examination for tubercle bacilli and negative results were obtained.

**Ice-cream.** Nineteen samples of ice-cream and three ice lollies were taken from 9 producers or retailers with the following results :—

Producer or Retailer	Grade 1	Grade 2	Grade 3
A	1	1	—
B	2	1	1
C	1	—	—
D	4	—	—
*E	1	—	—
*F	1	1	—
*G	2	—	—
*H	—	1	—
*J	2	—	—

**Ice Lollies.** A 3 lollies—satisfactory.

\* Out-of-District producer.

Grade 1 = Methylene Blue reduced in $4\frac{1}{2}$ hours or more	= Satisfactory
Grade 2 = Methylene Blue reduced in $2\frac{1}{2}$ to 4 hours	= Fair
Grade 3 = Methylene Blue reduced in $\frac{1}{2}$ to 2 hours	= Unsatisfactory
Grade 4 = Methylene Blue reduced in less than $\frac{1}{2}$ hour	= Very unsatisfactory

**Meat and other Foods.** There were three licensed slaughter-houses in use during the year.

As noted in the Annual Report for 1954, the practice has continued whereby a number of the butchers purchase their requirements from wholesalers outside the Borough and a local wholesaler,



in addition to having a large number of animals slaughtered in the town, has also imported a considerable quantity of meat from Eire which was distributed inside, but principally outside, the district.

The number of carcasses examined was 20,135 (2,117 cattle, 197 calves, 11,624 pigs and 6,197 sheep and lambs) compared with 23,020 carcasses (3,312 cattle, 327 calves, 8,945 pigs and 10,436 sheep and lambs) in 1954. Meat control was in operation during the first six months of 1954.

The long awaited Report of the Interdepartmental Committee on Slaughterhouses was received in August and their recommendation that Northampton should be the site of the proposed slaughterhouse for this area is most disappointing in view of the circumstances existing in this district. It is to be hoped that further consideration will be given to the establishment of a public slaughterhouse in Kettering.

Five hundred and thirty-one visits were made to slaughterhouses and 52 visits were made to the Cattle and General Markets. Inspection of meat vehicles operating in the Borough was undertaken from time to time.

**Fatstock Guarantee Scheme.** Two hundred and eighty-five pigs were certified by the Sanitary Inspectors appointed as Certifying Officers under this Scheme. The Sanitary Inspectors ceased to act as certifying officers on the 29th August, 1955, when officers appointed by the Ministry of Agriculture, Fisheries and Food took over this duty.

**Cysticercus Bovis.** No case of cysticercus bovis was detected in the carcasses examined.

Twenty-nine slaughtermen were licensed in accordance with the requirements of the Slaughter of Animals Acts, 1933 and 1954. No contraventions of these acts were found.

Mr. E. W. Hudson, M.R.C.V.S., the local Veterinary Inspector for the Ministry of Agriculture, Fisheries and Food, attends the Cattle Market each week to deal with any case coming within the purview of the Contagious Diseases (Animals) Acts, 1894—1935.

As a result of visits being made to slaughterhouses it was found necessary to condemn 17 tons, 2 cwts., 2 qrs., 6½ lbs. of meat and offals as being unfit for human consumption. In addition, 1 ton, 10 cwts., 11¾ lbs. of meat and offals were condemned at other premises. Other food materials weighing 2 tons, 14 cwts., 8¾ lbs. were condemned as a result of visits to premises where food was stored, prepared or sold. Three hundred and seventy-one certificates were issued in respect of home killed meat and offals and in addition seven hundred and forty-nine certificates were issued to traders to enable them to obtain compensation in respect of unfit foods.

**Disposal of condemned food.** The arrangement made with members of the trade whereby all condemned carcase meat and offals is received by a fat and tallow merchant in Northampton continues to function satisfactorily.

Other condemned foods continue to be buried in the Council's refuse tip, all tins being punctured before burial.

**Food and Drugs Act.** A warning letter was sent by the Town Clerk to the owner of a fish and chip business as a result of a complaint from a purchaser that fish and chips contained a cigarette end.

Following the finding of a part of a finger tip and nail in a tin of imported corned beef, the Town Clerk communicated with the Ministry of Agriculture, Fisheries and Food (Food Standards and Hygiene Division) who later stated that the manufacturers concerned had been contacted and that steps were being taken by them to prevent a similar occurrence in the future.

**Bakehouses.** Thirty-eight visits were made to bakehouses, which were found to be satisfactory.

**Fried Fish Shops.** Thirty visits were made to these premises, which were in a satisfactory condition.

## VI. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Table 16, page 47, shows the age groups of the various infectious diseases notified during the year and Table 17, page 48, shows the Wards affected by the infections.

**Scarlet Fever.** Seventeen cases of scarlet fever were notified. The attack rate for the Borough of Kettering was therefore 0·47. There were no deaths.

**Pneumonia.** Thirty-eight cases of primary or post-influenzal pneumonia were notified. The attack rate for Kettering was 1·04. Thirteen deaths were ascribed to pneumonia, the figures for the previous year being 23 cases notified and 12 deaths attributed to pneumonia (all forms).

**Erysipelas.** Fifteen cases were notified, giving a local attack rate of 0·41.

**Whooping Cough.** Sixteen cases of whooping cough were notified. The attack rate was 0·44. There were no deaths.

**Measles.** Six hundred and forty-four notifications of measles were received. The local attack rate was 17·6. There were no deaths.

**Meningococcal Infection.** One notification was received.

**Enteric Fever.** Two cases of paratyphoid fever were notified from the Kettering and District General Hospital, but the patients had been admitted from outside the Borough.

**Dysentery.** One hundred and thirty-two cases of Sonne dysentery were notified. There were no deaths.

**Acute Poliomyelitis.** Two cases were notified, one “paralytic” and the other “non-paralytic.” The “non-paralytic” case was not a Kettering resident, and was notified from the Kettering General Hospital. Paralytic means that there are, or have been, signs of weakness or paralysis of muscles, either permanent or transient; non-paralytic denotes there have been no such signs.



**Infectious Hepatitis.** One hundred and seventy-eight notifications of infectious hepatitis were received, as compared with fifty-eight cases notified in 1954.

The monthly incidence in 1955 was as follows :—

January	...	...	...	...	22
February	...	...	...	...	17
March	...	...	...	...	29
April	...	...	...	...	26
May	...	...	...	...	31
June	...	...	...	...	25
July	...	...	...	...	14
August	...	...	...	...	6
September	...	...	...	...	3
October	...	...	...	...	3
November	...	...	...	...	1
December	...	...	...	...	1
					178

Two cases occurred in each of four households.

**Food Poisoning.** Ten cases of food poisoning were notified and were confirmed, nine being due to salmonella typhimurium and the other to salmonella enteriditis. Seven of the cases of salmonella typhimurium occurred at a hospital.

**Scabies.** Six cases of scabies were treated, the patients being given 12 baths followed by treatment with benzylbenzoate emulsion. Four patients were adults and two were children. Also one contact was given a bath.

**Disinfecting and Cleansing Station.** The six cases of scabies mentioned in the preceding paragraph were dealt with at the disinfecting and cleansing station. Five hundred and twenty-four articles of clothing and bedding were disinfected by steam or hot air, a decrease of 427 on the figure for 1954. Two hundred and twenty-three articles were destroyed at the request of the owners. Four hundred and forty-eight rooms were disinfected.

**Cancer.** The deaths from cancer show no appreciable change from previous years, as shown in Tables 18 and 19, on pages 49 and 50.

**ANTI-TOXIN, ETC.**

Under the National Health Service Act, 1946, hospital management committees are responsible for making anti-toxin available to doctors.

Medical practioners may obtain supply of calf lymph, diphtheria prophylactic and anti-diphtheria serum from Kettering General Hospital pathological laboratory.

Whooping cough vaccine and combined diphtheria and pertussis prophylactic is available free to medical practioners who may obtain supplies from the County Health Department, Northampton.

### DIPHTHERIA IMMUNISATION.

During October, at the request of the Ministry of Health a publicity campaign for Diphtheria Immunisation was held and posters were displayed on Council and other vehicles. The following figures for England and Wales show the success of this form of immunisation, but complacency must be avoided and it is reckoned that to maintain such a record 75% of children born in any year should be immunised.

Year	Deaths	Corrected Notifications
1948	156	3,575
1949	84	1,890
1950	49	962
1951	33	664
1952	32	376
1953	23	266
1954	9	173
1955	11 (provisional)	161 (provisional)

The following figures, kindly supplied by the County Medical Officer of Health, show the position in Kettering, and indicate the number of children who have been immunised during the year in age groups :

Under 5 years	5—14 years	Total
352	16	368

It is necessary for each child who has been immunised in infancy to receive a re-inforcing dose of prophylatic at the age of 4—5 years and again about the eighth birthday.

During the year 189 children have been given these “ booster ” doses.

The numbers of Kettering children who have completed a full course of immunisation at any time up to 31st December, 1955, are given in the following table :

Age at 31.12.55 i.e. Born in year	Under 1 1955	1 1954	2 1953	3 1952	4 1951	5—9 1946— 1950	10—14 1941— 1945	Total Under 15
Number immunised	65	316	347	325	349	2,021	2,079	5,502

### WHOOPING COUGH IMMUNISATION.

The number of children who have received whooping cough immunisation during the year is given below in age groups :

	Under 1	1—4	5—14	Total
Whooping Cough only	1	17	3	21
*Combined diphtheria/whooping cough	265	75	13	353

\* The combined diphtheria/whooping cough figures are included in the figures for diphtheria immunisation.

## VACCINATION AGAINST SMALLPOX.

Modern methods of transport have made it more essential for parents to protect their infants against smallpox. In recent years we have had three sharp reminders of the necessity for vaccination by the outbreaks of smallpox at Glasgow, Brighton and Rochdale.

It is hoped it will be possible to record a further increase in the number of vaccinations in future years.

	Under 1	1—4 yrs.	5—14 yrs.	15 & over	Total
Primary	187	25	7	38	257
Re-vaccination	—	—	3	41	44

## INTERNATIONAL CERTIFICATES OF VACCINATION AND INOCULATION.

Kettering, like other authorities, authenticates the doctors' signatures on the certificates of inoculation against certain diseases, for persons travelling abroad.



## VII. TUBERCULOSIS.

This year there was a further decrease in the death rate for respiratory tuberculosis.

The Oxford Regional Hospital Board, through the Hospital Management Committee is responsible for the diagnosis and treatment of tuberculosis and the Northamptonshire County Council is responsible for the prevention of tuberculosis.

Thirteen cases of pulmonary tuberculosis and four cases of non-pulmonary tuberculosis were notified in 1955. In 1954 the figures were 23 and 4 respectively. The Registrar-General returns the number of deaths from tuberculosis as : pulmonary 4, non-pulmonary nil. In 1954 the figures given by the Registrar General were 6 and 3.

Table 20, on page 51, shows the age groups of both the new cases and the deaths.

There continues to be very little delay before notified cases are admitted to a sanatorium.

Eleven houses were allocated to tuberculosis families during the year.

The Kettering Tuberculosis Care Committee undertakes the care and after-care of patients suffering from tuberculosis and gives valuable assistance to patients and their families, by the provision of milk, groceries, etc., to suitable cases.

It is regretted that statistics relating to B.C.G. vaccination of Kettering children are not available.

## VIII. WELFARE.

**National Assistance Act, 1947, Section 47. Care and Attention of the Aged.** In January it was found necessary to obtain a Justices' Order for the removal to Hospital of one elderly man who had been found to be in need of care and attention. The Order was granted for three weeks and was extended for a further three weeks. In December it was necessary to apply for a further Order in respect of the same person who was again in need of care and attention. After the expiration of the three week Order on this occasion he agreed to remain in the hospital as a voluntary patient.

**Welfare of the Aged.** The Welfare of the Aged is a subject of growing importance as the age structure of the population in general increases.

The Medical Officer of Health visits cases that are brought to his notice by general practitioners, health visitors and private individuals to assess what action, statutory or voluntary, is required to improve the lot of the aged.

Voluntary action undertaken by the Kettering Old People's Welfare Association is described by their Secretary, Mrs. D. Stirling in the following communication :

"The biggest progress during the year was made in the Chiropody Service and 174 treatments were given by four local Chiropodists. Most of these were given in the latter half of the year as, during August, we received a substantial grant from the Stockburn Memorial Trust Fund.

During the Christmas Season we distributed 300 parcels containing  $\frac{1}{2}$  lb. tea and 1 lb. biscuits. We also distributed 2 cwt. coal to 45 people at that time.

Many individual cases were investigated and helped where possible. One man who had lost both legs was provided with a dressing gown. Home help was found for a husband while his wife was in hospital. Transport was provided to enable relations to visit members of their family in hospital and so on."

The two Darby and Joan Clubs formed under the auspices of the W.V.S. continued to arrange holidays, outings and social activities for their members.

**National Assistance Act, 1947, Section 50. Disposal of the Dead.** During 1955, no person was buried by the local authority under this scheme.

## IX. MISCELLANEOUS.

**Examination of Employees.** Twelve males and eleven females were medically examined by the Medical Officer of Health and all were considered fit for employment in the Council's service.

**Cremation.** Nine hundred and two cremations were carried out during the year at the Kettering Crematorium, and of this number only 205 were Kettering residents.

On three occasions it was necessary for the Medical Referee to enlist the services of the Pathologist appointed by the Council in pursuance of the Cremation Regulations, 1930.



X. STATISTICAL TABLES.

Table 1.

Vital Statistics for the years 1946 to 1955.

Year	Estimated Population (Mid-year)	LIVE BIRTHS			DEATHS				
		No.	Rate		Under 1 year		All ages		
			Crude	Corrected	No.	Rate per 1,000 Live Births	No.	Rate	
								Crude	Corrected
1946	35,650	687	19.27	— *	22	32.02	418	11.73	— *
1947	36,500	726	19.89	— *	18	24.79	458	12.55	— *
1948	36,840	659	17.89	— *	19	28.83	451	12.24	— *
1949	37,110	557	15.00	— *	19	34.11	401	10.87	10.05
1950	37,340	502	13.44	13.84	10	19.92	442	11.84	10.89
1951	36,740	510	13.88	14.3	10	19.61	411	11.19	10.3
1952	36,600	500	13.66	14.1	16	32.00	388	10.60	9.8
1953	36,510	529	14.49	14.92	15	28.36	500†	13.70†	12.6†
1954	36,590	503	13.75	14.85	17	33.80	402	10.99	10.0
1955	36,590	488	13.34	14.40	13	26.64	427	11.67	10.62

\* No areal comparability factor available for these years.

† These figures are inflated due to the inclusion by the Registrar-General of 92 deaths at St. Mary's Hospital of non-residents. Had these been transferred in accordance with previous procedure the corrected death-rate would have been 10.29.

Table 2.

England and Wales and the Borough of Kettering, 1946-55.  
Birth Rates.

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
England and Wales	19.1	20.5	17.9	16.7	15.8	15.5	15.3	15.5	15.2	15.0
Kettering ...	19.27	19.89	17.89	15.00	13.84	14.3	14.1	14.92	14.85	14.40

Table 3.

England and Wales and the Borough of Kettering, 1946-55.  
Death Rates.

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
England and Wales	11.5	12.0	10.8	11.7	11.6	12.5	11.3	11.4	11.3	11.7
Kettering ...	11.73	12.55	12.24	10.05	10.89	10.3	9.8	12.6†	10.0	10.62

† See note to Table 1.

**Table 4.**

**England and Wales and the Borough of Kettering, 1946-55.**

**Maternal Mortality.**

(Per 1,000 total (live and still) births).

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
England and Wales	1.43	1.17	1.02	0.98	0.86	0.79	0.72	0.76	0.69	0.64
Kettering ...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

**Table 5.**

**England and Wales and the Borough of Kettering, 1946-55.**

**Infant Mortality.**

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
England and Wales	43.0	41.0	34.0	32.0	29.8	29.6	27.6	26.8	25.4	24.9
Kettering ...	32.02	24.79	28.83	34.11	19.92	19.61	32.0	28.36	33.80	26.64

Table 6.

## Registered Causes of Death.

						Males	Females	Total
All Causes	...	...	...	...	...	224	203	427
1.	Tuberculosis, Respiratory	...	...	...	...	2	2	4
2.	Tuberculosis, Other Forms	...	...	...	...	—	—	—
3.	Syphilitic disease	...	...	...	...	1	—	1
4.	Diphtheria	...	...	...	...	—	—	—
5.	Whooping Cough	...	...	...	...	—	—	—
6.	Meningococcal Infections	...	...	...	...	—	1	1
7.	Acute Poliomyelitis	...	...	...	...	—	—	—
8.	Measles	...	...	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	...	...	1	—	1
10.	Malignant neoplasm, stomach	...	...	...	...	4	10	14
11.	Malignant neoplasm, lung and bronchus	...	...	...	...	19	—	19
12.	Malignant neoplasm, breast	...	...	...	...	—	9	9
13.	Malignant neoplasm, uterus	...	...	...	...	—	5	5
14.	Other malignant and lymphatic neoplasms	...	...	...	...	25	23	48
15.	Leukaemia, aleukaemia	...	...	...	...	1	1	2
16.	Diabetes	...	...	...	...	1	1	2
17.	Vascular lesions of nervous system	...	...	...	...	26	24	50
18.	Coronary disease, angina	...	...	...	...	36	19	55
19.	Hypertension with heart disease	...	...	...	...	7	4	11
20.	Other heart disease	...	...	...	...	39	44	83
21.	Other circulatory diseases	...	...	...	...	7	11	18
22.	Influenza	...	...	...	...	2	2	4
23.	Pneumonia	...	...	...	...	9	4	13
24.	Bronchitis	...	...	...	...	8	7	15
25.	Other diseases of respiratory system	...	...	...	...	2	3	5
26.	Ulcer of stomach and duodenum	...	...	...	...	5	3	8
27.	Gastritis, enteritis and diarrhoea	...	...	...	...	2	1	3
28.	Nephritis and nephrosis	...	...	...	...	1	2	3
29.	Hyperplasia of prostate	...	...	...	...	4	—	4
30.	Pregnancy, child birth, abortion	...	...	...	...	—	—	—
31.	Congenital malformations	...	...	...	...	—	2	2
32.	Other defined and ill-defined diseases	...	...	...	...	15	21	36
33.	Motor vehicle accidents	...	...	...	...	2	—	2
34.	All other accidents	...	...	...	...	4	3	7
35.	Suicide	...	...	...	...	1	1	2
36.	Homicide and operations of war	...	...	...	...	—	—	—
Death of infants under 1 year :								
	Total	...	...	...	...	7	6	13
	Legitimate	...	...	...	...	7	6	13
	Illegitimate	...	...	...	...	—	—	—
Death of infants under four weeks of age :								
	Total	...	...	...	...	3	5	8
	Legitimate	...	...	...	...	3	5	8
	Illegitimate	...	...	...	...	—	—	—



Table 7.

Meteorological Data, 1955.

(Details for 1954 shown in brackets).

MONTH	RAINFALL				TEMPERATURE			
	Total inches	Greatest in 24 hours		Days on which no recorded rainfall	Maximum		Minimum	
		Depth	Date		Deg.	Date	Deg.	Date
January ...	1.86 (1.08)	.52 (.31)	4	18 (18)	53 (57)	10 & 30	18 (20)	20
February	2.39 (2.86)	.37 (.58)	4	7 (6)	53 (54)	7	14 (17)	28
March ...	2.42 (2.77)	.78 (.78)	26	19 (17)	58 (61)	25	15 (22)	1
April ...	.73 (0.43)	.21 (.28)	28	21 (21)	66 (61)	20	24 (30)	1
May ...	4.23 (3.00)	1.13 (.76)	17	10 (17)	68 (80)	30	33 (34)	11 & 18
June ...	2.45 (2.28)	.54 (.79)	11	15 (18)	75 (74)	16	38 (41)	10
July ...	.165 (2.86)	.14 (.47)	3	28 (10)	87 (75)	17	46 (43)	2 & 4
August ...	.715 (5.45)	.28 (1.15)	13	23 (10)	84 (79)	22 & 23	44 (46)	8
September	1.16 (2.19)	.39 (.71)	22	21 (11)	75 (84)	2 & 7	39 (37)	19
October ...	2.34 (2.54)	.63 (.31)	5	17 (13)	70 (69)	8	28 (31)	16, 29 & 31
November	1.41 (5.07)	.43 (.65)	6	10 (9)	63 (58)	4	25 (26)	1
December	1.93 (2.8)	.32 (1.19)	13	10 (15)	58 (58)	28	22 (29)	19

Table 8.

## Summary of Routine Work of the Sanitary Inspectors.

Nature of Visit, Inspection, etc.							Number of Visits, etc.
<b>House Inspection.</b>							
Housing Act, 1936	...	...	...	...	...	...	43
Measured under the Housing Act, 1936	...	...	...	...	...	...	43
Reviewed under the Housing Act, 1936	...	...	...	...	...	...	31
In respect of complaints	...	...	...	...	...	...	595
Coming under observation	...	...	...	...	...	...	54
At request of builders	...	...	...	...	...	...	6
At request of owners	...	...	...	...	...	...	1
At request of Housing Manager and others	...	...	...	...	...	...	10
Housing Repairs and Rents Act, 1954	...	...	...	...	...	...	7
<b>Infectious Disease.</b>							
Scarlet Fever	...	...	...	...	...	...	7
Paratyphoid Fever	...	...	...	...	...	...	1
„ „ revisits	...	...	...	...	...	...	5
Erysipelas	...	...	...	...	...	...	11
Tuberculosis	...	...	...	...	...	...	12
Dysentery	...	...	...	...	...	...	28
„ revisits	...	...	...	...	...	...	4
Food Poisoning	...	...	...	...	...	...	4
„ „ revisits	...	...	...	...	...	...	2
Infectious Hepatitis	...	...	...	...	...	...	61
<b>General Sanitation.</b>							
Factories with mechanical power	...	...	...	...	...	...	90
„ „ „ „ revisits	...	...	...	...	...	...	23
Factories without mechanical power	...	...	...	...	...	...	6
„ „ „ „ revisits	...	...	...	...	...	...	12
Keeping of animals	...	...	...	...	...	...	34
Schools	...	...	...	...	...	...	3
Smoke observations	...	...	...	...	...	...	22
Prevention of Damage by Pests Act, 1949	...	...	...	...	...	...	76
Shops Act	...	...	...	...	...	...	24
Tents, vans and sheds	...	...	...	...	...	...	3
Miscellaneous sanitary visits	...	...	...	...	...	...	365
Ineffective visits	...	...	...	...	...	...	163
Interviews with owners, agents, builders and tenants	...	...	...	...	...	...	571

Table 8—*continued*.

Nature of Visits, Inspection, etc.						Number of Visits, etc.
<b>Drainage.</b>						
Smoke test applied to drains	...	...	...	...	...	46
Water test applied to reconstructed drains				...	...	18
Smoke test applied to repaired drains	...	...	...	...	...	22
<b>Disinfection.</b>						
Rooms disinfected	...	...	...	...	...	248
Articles of bedding, etc., disinfected				...	...	524
Articles of bedding, etc., destroyed	...	...	...	...	...	223
Baths given for scabies (a) to Kettering school children						9
(b) to other Kettering persons	...					9
<b>Meat and Food Inspection.</b>						
Visits to :						
Slaughterhouses	...	...	...	...	...	531
Butchers' shops	...	...	...	...	...	57
Bakehouses	...	...	...	...	...	38
Dairies and milkshops	...	...	...	...	...	21
Fish shops	...	...	...	...	...	30
Food shops	...	...	...	...	...	388
Vehicles	...	...	...	...	...	3
Markets	...	...	...	...	...	52
Ice-cream premises	...	...	...	...	...	66
Inns, refreshment houses, hotels, etc.	...	...	...	...	...	83
Restaurants and cafes	...	...	...	...	...	75
Wholesale Meat Depot	...	...	...	...	...	55
Railway Station	...	...	...	...	...	1
Miscellaneous food visits	...	...	...	...	...	12
<b>Notices Served.</b>						
Informal notices :						
Preliminary notices served	...	...	...	...	...	168
Verbal notices given	...	...	...	...	...	38
Cautionary letters sent	...	...	...	...	...	16
Statutory notices :						
Public Health Act, 1936, Section 75	...	...	...	...	...	1
Public Health Act, 1936, Section 93	...	...	...	...	...	2
<b>Summary.</b>						
Total number of primary inspections and visits	...	...	...	...	...	3831
Total number of secondary visits	...	...	...	...	...	1514
						5345



**Table 9.**  
**Rodent Control.**  
**Sewer Maintenance Treatment.**

	First	Second	Total
1. Number of manholes baited ... ..	409	226	635
2. Number of manholes showing pre-bait takes	75	92	167
3. Number of manholes showing complete pre-bait take (on one or both days) ...	68	64	132
4. Number of manholes test-baited in con- junction with this treatment and not included above ... ..	203	8	211
5. Number of complete takes in paragraph 4 above ... ..	5	Nil	5

**Table 10.**  
**Rodent Control.**  
**Work of Rodent Operative.**  
**(excluding Sewer Maintenance Treatment).**

Number of visits by Rodent Operative ... ..	1248
Number of rats destroyed (excluding those poisoned) ...	302
Number of visits re mice ... ..	69
Number of occasions traps used ... ..	732
Number of occasions poison gas used ... ..	4
Number of occasions dogs and/or ferrets used ... ..	78
Quantity of poison laid (ounces) zinc phosphide ... ..	987
Quantity of poison taken (ounces) zinc phosphide ... ..	531
Quantity of poison laid (ounces) " Warfarin " 0·1% ... ..	3558
Quantity of poison laid (ounces) " Warfarin " 0·5% ... ..	1361
Number of rats found poisoned ... ..	550

Table 11.

## Factories Act, 1937.

1. **Inspections** (including inspections made by the Sanitary Inspectors) :

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..	21	6	—	—
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority ...	213	90	2*	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises) ... ..	13	—	—	—
<b>TOTAL</b> ... ..	<b>247</b>	<b>96†</b>	<b>2*</b>	<b>Nil</b>

\* Informal.

† Does not include 35 secondary visits during the year.

2. Cases in which **Defects** were found :

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness ...	1	1	—	2	—
Overcrowding ... ..	—	—	1	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation ...	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences :					
(a) insufficient ... ..	1	2	—	2	—
(b) unsuitable or defective	2	9	—	—	—
(c) not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work) ... ..	—	5	1	—	—
TOTAL ... ..	4	17	2	4	Nil

Outwork in unwholesome premises ... .. Nil

Table 12.

**Sanitary Work Carried Out  
as a Result of Formal and Informal Action.**

**A. Housing repairs, etc., executed.**

New sewer connections	...	...	...	...	...	1
Houses re-drained	...	...	...	...	...	3
Houses at which drains were repaired	...	...	...	...	...	26
Inspection chambers constructed or repaired	...	...	...	...	...	30
Intercepting traps fixed	...	...	...	...	...	4
Fresh air inlets fixed to drains (or repaired)	...	...	...	...	...	3
Ventilating pipes fixed or repaired to drains	...	...	...	...	...	3
Glazed gullies provided and fixed	...	...	...	...	...	10
Rainwater pipes disconnected from drains	...	...	...	...	...	2
Obstructions removed from drains and W.C.'s	...	...	...	...	...	18
Rainwater gutters and downpipes repaired or renewed	...	...	...	...	...	30
Soil pipes repaired or renewed	...	...	...	...	...	2
Sewer ventshafts repaired or renewed	...	...	...	...	...	2
Tipper closets removed and washdowns provided	...	...	...	...	...	2
Defective W.C. pans and traps removed and renewed	...	...	...	...	...	12
W.C.'s provided with flushing cisterns and water supply	...	...	...	...	...	5
Flushing cisterns repaired or renewed	...	...	...	...	...	7
W.C.'s rebuilt or walls repaired	...	...	...	...	...	3
W.C. provided internally	...	...	...	...	...	1
New sink or bath waste pipes provided or old repaired	...	...	...	...	...	6
Houses provided with town's water supply	...	...	...	...	...	2
Copper repaired or renewed	...	...	...	...	...	1
Roofs repaired	...	...	...	...	...	50
Walls repaired externally	...	...	...	...	...	34
Chimney stacks repaired or rebuilt	...	...	...	...	...	23
Outbuildings reconstructed or repaired	...	...	...	...	...	10
Rooms stripped and cleaned	...	...	...	...	...	18
Walls repaired internally	...	...	...	...	...	28
Stoves and fireplaces repaired or renewed	...	...	...	...	...	10
Dampness remedied	...	...	...	...	...	20
Bathrooms provided	...	...	...	...	...	1
Ceilings repaired	...	...	...	...	...	20
Windows repaired	...	...	...	...	...	42
New sashcords fixed	...	...	...	...	...	26
Fasteners and stays provided to windows	...	...	...	...	...	12
Airgrates provided or renewed	...	...	...	...	...	1
Floors repaired or renewed	...	...	...	...	...	18
Doors repaired	...	...	...	...	...	10
Food stores ventilated	...	...	...	...	...	3
Rooms and bedding cleansed (tenant)	...	...	...	...	...	2
Accumulations of refuse removed	...	...	...	...	...	4
Refuse receptacles provided	...	...	...	...	...	12



Paving to yards and passages repaired	...	...	...	...	...	11
Sewers repaired	...	...	...	...	...	2
Sewer manholes repaired	...	...	...	...	...	4
Sewer vent repaired or obstructions removed	...	...	...	...	...	7
Obstructions removed from private or public sewers	...	...	...	...	...	37
Houses connected to sewer in lieu of septic tank, cess-pool, etc.	...	...	...	...	...	4
Obstruction removed from Council's sewer	...	...	...	...	...	2
Other defects remedied	...	...	...	...	...	69
Septic tank emptied	...	...	...	...	...	1
Overcrowding abated	...	...	...	...	...	4
Total	...	...	...	...	...	658

#### B. Slaughterhouses.

Defective roof or spouting repaired or renewed	...	...	...	...	...	2
Defective walls or ceilings repaired	...	...	...	...	...	2
Defective yard pavings or floors remedied	...	...	...	...	...	4
Regular periodic limewashing and general cleansing	...	...	...	...	...	1
Water supply improved	...	...	...	...	...	1
Total	...	...	...	...	...	10

#### C. Food Premises.

Defective roof or spouting repaired or renewed	...	...	...	...	...	1
Hot water supply provided	...	...	...	...	...	1
Regular periodic limewashing and general cleansing	...	...	...	...	...	7
Obstruction removed from drain	...	...	...	...	...	2
Floor repaired	...	...	...	...	...	1
Miscellaneous	...	...	...	...	...	9
Total	...	...	...	...	...	21

#### D. Shops (various).

Effective means of heating or ventilation provided	...	...	...	...	...	1
Wash hand basin renewed	...	...	...	...	...	1
Obstruction removed from waste pipe	...	...	...	...	...	1
Accumulation removed	...	...	...	...	...	1
Miscellaneous	...	...	...	...	...	5
Total	...	...	...	...	...	9

**E. Hotels, Restaurant Kitchens and Confectioners' Premises.**

Structural defects remedied	...	...	...	...	1
Lavatory basins with hot and cold water			...	...	1
New sink	...	...	...	...	1
Name and address on vehicle	...	...	...	...	1
Food articles protected on vehicle		...	...	...	1
Total	...	...	...	...	5

**F. Licensed Premises.**

Hot water geyser renewed or hot water supply improved					1
Miscellaneous	...	...	...	...	2
Total	...	...	...	...	3

**G. Clubs.**

Cleansing of Kitchen	...	...	...	...	1
New stainless steel sink installed with hot and cold water					1
Sink waste pipe renewed	...	...	...	...	1
Total	...	...	...	...	3

**H. Factory Canteens.**

Drainage repaired	...	...	...	...	1
New sink and waste pipe provided with hot and cold water					4
Floor relaid	...	...	...	...	1
Foodstuffs protected	...	...	...	...	1
Grease trap provided	...	...	...	...	1
Wash hand basin provided with hot and cold water				...	2
Miscellaneous	...	...	...	...	6
Total	...	...	...	...	16

**I. Factories.**

Cleansing carried out	...	...	...	...	1
Sanitary accommodation unsuitable or defective				...	9
Obstructions removed from drain			...	...	3
Drains repaired	...	...	...	...	2
Intercepting trap fixed	...	...	...	...	1
Intercepting chamber rebuilt		...	...	...	1
New W.C. constructed	...	...	...	...	2
Miscellaneous	...	...	...	...	10
Total	...	...	...	...	29

## J. Offices.

Overcrowding abated	...	...	...	...	...	1
Ceiling repaired	...	...	...	...	...	1
						<hr/>
Total	...	...	...	...	...	2
						<hr/>

## K. Miscellaneous.

Houses at which owner's name and address absent from rent book	...	...	...	...	...	4
Houses at which M.O.H.'s name and address absent from rent book	...	...	...	...	...	2
Offensive smell from sewer manhole abated	...	...				1
Sanitary accommodation in playing fields cleansed and redecorated	...	...	...	...	...	1
Additional sanitary accommodation for females provided at dance hall	...	...	...	...	...	1
Flush pipe to W.C. cistern at dance hall remedied	...					1
Other defects at dance hall remedied	...	...	...			5
Sanitary accommodation at railway station cleansed	...					4
Sanitary accommodation for males and females at railway station reconstructed	...	...	...	...		1
Other defects at railway station remedied	...	...				6
						<hr/>
Total	...	...	...	...	...	26
						<hr/>
Grand Total	...	...	...	...	...	782
						<hr/>



Table 13.

## Food Premises.

Trade								No. of premises
Bakers	...	...	...	...	...	...	...	10
Bakers and Confectioners	...	...	...	...	...	...	...	3
Baker and Grocer	...	...	...	...	...	...	...	1
Baker and Manufacturer of Preserved Food	...	...	...	...	...	...	...	1
Butchers	...	...	...	...	...	...	...	11
Butchers and Manufacturers of Preserved Food	...	...	...	...	...	...	...	33
Cafes	...	...	...	...	...	...	...	11
Cafe and Confectioners	...	...	...	...	...	...	...	7
Cafe and Fish Restaurant	...	...	...	...	...	...	...	1
Canteens	...	...	...	...	...	...	...	27
Clubs	...	...	...	...	...	...	...	15
Confectioners	...	...	...	...	...	...	...	22
Wholesale Confectioners	...	...	...	...	...	...	...	3
Dairies and Purveyors of Milk	...	...	...	...	...	...	...	11
Fishmongers	...	...	...	...	...	...	...	19
Fishmongers and Greengrocers	...	...	...	...	...	...	...	2
Fishmongers and Manufacturer of Preserved Food	...	...	...	...	...	...	...	1
General Stores	...	...	...	...	...	...	...	28
General and Greengrocers	...	...	...	...	...	...	...	14
General and Off Licences	...	...	...	...	...	...	...	27
General and Bakers	...	...	...	...	...	...	...	2
General and Grocers	...	...	...	...	...	...	...	39
Greengrocers	...	...	...	...	...	...	...	21
Greengrocers and Confectioners	...	...	...	...	...	...	...	4
Greengrocers and Grocers	...	...	...	...	...	...	...	8
Greengrocers, Grocer and General	...	...	...	...	...	...	...	7
Greengrocers, Grocer and Confectioner	...	...	...	...	...	...	...	2
Grocers	...	...	...	...	...	...	...	33
Grocers and Confectioners	...	...	...	...	...	...	...	14
Grocers and Manufacturer of Preserved Food	...	...	...	...	...	...	...	2
Grocers and Off Licence	...	...	...	...	...	...	...	8
Licensed Premises (Public Houses, etc.)	...	...	...	...	...	...	...	33
Off Licences	...	...	...	...	...	...	...	11
Beer Bottler	...	...	...	...	...	...	...	1
Manufacturer of Preserved Food and General Store	...	...	...	...	...	...	...	1
Mineral Water Manufacturers	...	...	...	...	...	...	...	2
School Canteen Kitchens and Dining Halls	...	...	...	...	...	...	...	7
School Canteen Dining Halls only	...	...	...	...	...	...	...	9
Slaughterhouses	...	...	...	...	...	...	...	3
Total								454

**Table 14.**  
**Premises Registered under Food and Drugs Act, 1938.**

	Trade							No. of premises
Bakers	...	...	...	...	...	...	...	17
Butchers	...	...	...	...	...	...	...	44
Dairies	...	...	...	...	...	...	...	6
Fried Fish	...	...	...	...	...	...	...	17
Ice-cream Dealers	...	...	...	...	...	...	...	140
Ice-cream Manufacturers	...	...	...	...	...	...	...	3
Licensed Premises	...	...	...	...	...	...	...	46
Purveyors of Milk	...	...	...	...	...	...	...	22
Manufacturers of Preserved Food	...	...	...	...	...	...	...	37
Restaurant Kitchens	...	...	...	...	...	...	...	22
Slaughterhouses	...	...	...	...	...	...	...	3
Total								357

Table 15.

**Carcases and Offal inspected and condemned in whole or in part.**

	Cattle, exclud- ing cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed ... ..	1446	671	197	6197	11624	Nil
Number inspected ... ..	1446	671	197	6197	11624	Nil
<b>All diseases except Tuberculosis and Cysticerci :</b>						
Whole carcases condemned	—	3	7	17	11	—
Carcases of which some part or organ was condemned ... ..	549	282	4	133	723	—
Percentage of the number inspected affected with disease other than tuberculosis & cysticerci	37·96	42·47	5·58	2·42	6·31	—
<b>Tuberculosis only :</b>						
Whole carcases condemned	—	3	—	—	1	—
Carcases of which some part or organ was condemned ... ..	148	161	—	—	443	—
Percentage of the number inspected affected with tuberculosis ... ..	10·23	24·44	—	—	3·82	—
<b>Cysticercosis :</b>						
Carcases of which some part or organ was condemned ... ..	—	—	—	—	—	—
Carcases submitted to treatment by refrigera- tion ... ..	—	—	—	—	—	—
Generalised and totally condemned ... ..	—	—	—	—	—	—



Table 16.

## Prevalence of and Control over Infectious and Other Diseases.

**Notifiable Diseases (Other than Tuberculosis)  
during the year 1955.**

The following table gives the number and age groups of the cases notified :

Disease	All Ages	All Ages	Under 1 year	1 to 3 years	3 to 5 years	5 to 10 years	10 to 15 years	15 to 25 years	25 to 45 years	45 to 65 years	65 and over	Removed to Hospital
	1954	1955										
Small-pox ... ..	nil.	nil.	-	-	-	-	-	-	-	-	-	-
Scarlet Fever ... ..	52	17	-	1	2	11	3	-	-	-	-	-
Diphtheria ... ..	nil.	nil.	-	-	-	-	-	-	-	-	-	-
Enteric Fever (including Typhoid & Paratyphoid) ...	1	2	-	-	-	-	-	-	1	1	-	2
Puerperal Pyrexia ...	27	13	-	-	-	-	-	7	6	-	-	13
Pneumonia ... ..	23	38	1	1	-	3	2	-	7	14	10	-
Erysipelas ... ..	14	15	-	-	-	-	-	-	5	8	2	-
Ophthalmia Neonatorum ... ..	nil.	nil.	-	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis Paralytic ... ..	1	1	-	-	-	1	-	-	-	-	-	1
Non-Paralytic ... ..	1	1	-	-	-	-	1	-	-	-	-	1
Encephalitis - Infective	nil.	1	-	-	-	-	-	1	-	-	-	1
Meningococcal Infection ... ..	1	1	-	-	-	-	1	-	-	-	-	1
Dysentery ... ..	44	132	4	20	19	52	14	2	14	6	1	4
Measles ... ..	21	644	16	122	183	310	7	3	2	1	-	-
Whooping Cough	278	16	-	4	4	6	1	-	1	-	-	-
Malaria ... ..	nil.	nil.	-	-	-	-	-	-	-	-	-	-
Food Poisoning ...	3	10	-	-	1	-	-	-	1	1	7	7
Infectious Hepatitis ...	58	178	-	1	13	90	30	14	20	8	2	-
Totals ... ..	524	1069	21	149	222	473	59	27	57	39	22	30

Table 17.

## Summary of Cases of Infectious Diseases in Wards, 1955.

Disease	Totals	Kingsley	Northfield	St. Andrew's	Avondale	St. Peter's	St. Mary's	Barton	Warkton	Piper's Hill
Scarlet Fever ... ..	17	2	2	1	2	1	4	—	2	3
Diphtheria ... ..	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ... ..	13	—	1	—	1	1	—	—	—	10
Pneumonia ... ..	38	1	6	2	10	6	3	4	4	2
Erysipelas ... ..	15	2	1	4	1	2	1	1	1	2
Acute Poliomyelitis										
(Paralytic) ... ..	1	—	—	—	—	1	—	—	—	—
(Non-paralytic) ... ..	1	—	—	—	—	1	—	—	—	—
Meningococcal Infection	1	—	—	—	—	1	—	—	—	—
Dysentery ... ..	132	4	3	8	33	9	9	8	44	14
Measles ... ..	644	53	67	55	80	69	62	34	155	69
Whooping Cough ... ..	16	—	—	1	1	2	—	5	7	—
Food Poisoning ... ..	10	1	—	—	1	1	1	—	—	6
Paratyphoid B Fever ... ..	2	—	—	—	—	2	—	—	—	—
Typhoid Fever ... ..	—	—	—	—	—	—	—	—	—	—
Infectious Hepatitis ... ..	178	4	13	9	54	2	20	22	27	27
Encephalitis—Infective ... ..	1	—	—	—	—	1	—	—	—	—
Totals ... ..	1069	67	93	80	183	99	100	74	240	133

**Table 18.**  
**Deaths from Cancer, 1946-55.**  
(Calculated Locally).

Year	Total Deaths from Cancer	Cancer Deaths—% of total Deaths	Cancer Deaths—Rate per 1,000 Population
1946	71*	16.98	1.99
1947	81	17.68	2.22
1948	87	19.29	2.36
1949	77	19.20	2.07
1950	77	17.42	2.06
1951	72	17.52	1.96
1952	63	16.23	1.72
1953	68	16.66	1.86
1954	71	17.66	1.77
1955	95	22.25	2.60

\* 69 deaths only accounted for locally.

Site	Sex	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	Total
Stomach	Males	9	4	15	5	4	6	7	7	11	4	72
	Females	6	9	4	7	10	9	2	5	3	10	65
Lung	Males	1	3	6	6	6	6	3	7	5	6	49
	Females	3	—	—	2	3	—	1	—	1	—	10
Bronchus	Males	1	4	4	4	3	7	5	4	5	13	50
	Females	—	2	—	—	—	4	1	—	1	—	8
Breast	Females	7	5	6	9	9	5	5	9	7	9	71
Uterus	Females	—	2	2	3	2	3	2	2	1	5	22

Eighty-two deaths from Cancer (47 males and 35 females) occurred within the Borough for the year 1953. Sixty-eight (37 males and 31 females) were Kettering residents and 14 (10 males and 4 females) were out of town residents who died in St. Mary's Hospital, Kettering.

The tables above apply to Kettering Residents only.

**Table 19.**  
**Deaths from Cancer, 1946-55.**  
(Calculated Locally).

	Under 35 yrs.		35—65 yrs.		Over 65 yrs.		Total all ages	
	M.	F.	M.	F.	M.	F.	M.	F.
Skull ... ..					1		1	
Brain ... ..		1	1	1		1	1	3
Cerebral Tumor ... ..				1				1
Medulloblastomatosis ... ..		1						1
Melanoma of Eyelids ... ..				1				1
Ear ... ..				1				1
Auricle ... ..					1		1	
Rt. Antrum ... ..				1				1
Epithelioma of Gum ... ..					1		1	
Mandible ... ..						1		1
Maxilla ... ..						2		2
Palate ... ..			1				1	
Uvula ... ..						1		1
Tongue ... ..			1		3	2	4	2
Mouth ... ..					1		1	
Lip ... ..					1		1	
Pharynx ... ..			2	1	2	1	4	2
Larynx ... ..					2		2	
Tonsil ... ..						1		1
Cervical Glands ... ..					1		1	
Nasopharynx ... ..				1				1
Bronchus ... ..			31	2	18	6	49	8
Lung ... ..			34	4	15	5	49	9
Malignant Pulmonary Abscess			1				1	
Thyroid and Trachea ... ..				3	1	1	1	4
Rib ... ..					2		2	
Oesophagus ... ..			5	1	9	7	14	8
Stomach ... ..	1	1	29	26	42	38	72	65
Duodenum ... ..			1				1	
Splenic Flexure ... ..					1		1	
Pre-pyloric ... ..						1		1
Colon ... ..		2	9	13	30	38	39	53
Caecum ... ..		1	2	2	2	4	4	7
Bowel ... ..						1		1
Rectum ... ..	1	2	12	5	31	14	44	21
Liver ... ..			7	3	3	2	10	5
Gall Bladder ... ..						1		1
Vater's Ampulla ... ..					1		1	
Common Bile Duct ... ..			1	1	1	1	2	2
Mediastinal Neoplasm ... ..					1	1	1	1
Pancreas ... ..			10	5	7	9	17	14
Retroperitoneal ... ..			2	1			2	1
Peritoneal ... ..					1		1	
Kidney ... ..			1		2	2	3	2
Hypernephroma ... ..						1		1
Bladder ... ..			3	2	5	6	8	8
Femur ... ..		1						1
Prostate ... ..			5		36		41	
Testicle ... ..			1				1	
Penis ... ..					3		3	
Breast ... ..		2		36		33		71
Ovary ... ..				18		4		22
Cervix and Uterus ... ..				13		14		27
Vagina ... ..				1				1
Vulva ... ..				1		1		2
Diffuse ... ..			1				1	
Rodent Ulcer ... ..						1		1
Sarcoma of Spinal Cord ... ..				1				1
Melanotic Sarcoma ... ..				1		1		2
Pelvic Sarcoma ... ..			1				1	
Thigh—Fibro Sarcoma ... ..			1				1	
Reticulum Cell Sarcoma ... ..						1		1
Leg—Sarcoma ... ..						1		1
Pyriform Fossa ... ..					1		1	
Carcinomatosis ... ..				1	1	2	1	3
Symphosarcomatosis ... ..			1				1	
? (Primary growth unknown) ... ..			2	1	1	2	3	3
	2	11	165	148	227	207	394	366



Table 20.

## Tuberculosis.

New cases and Mortality during 1955.

Age Periods	New Cases.				Deaths.			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 yr.	—	—	—	—	—	—	—	—
1 to 5 ...	—	—	—	—	—	—	—	—
5 to 10 ...	—	—	—	—	—	—	—	—
10 to 15 ...	—	—	1	—	—	—	—	—
15 to 20 ...	3	2	—	—	—	—	—	—
20 to 25 ...	1	—	—	—	1	—	—	—
25 to 35 ...	2	2	1	—	—	—	—	—
35 to 45 ...	—	—	—	1	—	2	—	—
45 to 55 ...	2	—	1	—	1	—	—	—
55 to 65 ...	—	—	—	—	—	—	—	—
65 & over ...	1	—	—	—	—	—	—	—
Totals ...	9	4	3	1	2	2	—	—

Form I. (Patients admitted to Sanatoria) ... 12

Form II. (Patients discharged from Sanatoria) ... 19





